

**FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

501.30980CC7

FILING DATE :
February 26, 2004

GROUP
~~2010~~

U.S. PATENT DOCUMENTS

VIET Q. NGUYEN
PRIMARY EXAMINER

FOREIGN PATENT DOCUMENTS

VIET Q. NGUYEN
PRIMARY EXAMINER

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

UN	Data Book "Hitachi IC Memory Data Book", HITACHI, HB56A49 Series, 4194304 – word x 9-bit High Density Dynamic RAM Module, pp. 1-8 (English Translation), 1979.
UN	Data Book "Hitachi IC Memory Data Book 2", HITACHI, HB56D51236 Series 524288-word x 36-bit High Density Dynamic RAM Module, pp. 1-10 (English Translation), 1988.

EXAMINER V. Nguen

DATE CONSIDERED

10/11/05

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Viet Q. NGUYEN
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(Form PTO-1449 [6-4])

2/26/05

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

501.30980CC7

SERIAL NO.

Not yet assigned

APPLICANT
KANEKAWA, et al

10/786,008

FILING DATE
February 26, 2004

GROUP

2818

2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
vn		4	7	7	3	0	4	4	9/88	Sfarti et al	711	211	
vn		4	5	7	7	2	9	3	3/86	Matick et al	365	189.04	
		4	1	7	2	2	8	2	10/79	Aichelmann, Jr. et al	364	246.92	
		5	4	6	8	9	9	2	11/95	Kanekawa et al	257	676	
		5	5	7	6	5	5	4	11/96	Hsu	257	48	
		4	4	3	2	0	5	5	2/84	Salas et al	364	Dig. 1	
		4	4	4	1	1	6	4	4/84	PAVEN, et al.			
		5	2	0	0	8	1	0	4/93	Wojnarowski, et al.			4/5/90
		5	2	4	1	4	5	6	8/93	Marcinkiewicz, et al.			7/2/90
vn		5	0	1	9	9	4	3	5/91	Fassbender, et al.			2/14/90
vn		5	0	1	6	0	8	7	5/91	Haug, et al.			2/15/90

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT		
														YES	NO
										VIET Q. NGUYEN					
										PRIMARY EXAMINER					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

vn	Synchronous Dram Module; Advance 64 MEG & 72 Registered SDRAM DIMM; pages 1-17.
vn	19404 - word X 9 - bit High Density Dynamic RAM Module; pages 849-857.

EXAMINER V. Nguyen DATE CONSIDERED 10/11/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		501.30980CC7	<u>Not Assigned</u>
		APPLICANT KANEKAWA, et al.	10/786, 008
(Use several sheets if necessary)		FILING DATE February 26, 2004	GROUP 2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	5	2	3	7	2	0	3	8/93	Massaron			5/3/91
W	5	0	8	1	5	6	3	1/92	Feng et al.			4/27/90
	4	6	0	2	2	7	1	7/86	Dougherty, Jr. et al.			
	4	6	4	9	4	7	4	3/87	Ambrosius, III et al.			
	4	1	4	4	5	6	1	3/79	Tu, et al.			
	5	1	8	2	6	3	2	1/93	Bechtel, et al.			11/22/89
	4	7	8	3	6	9	5	11/88	Eichelberger, et al.			
	4	9	0	7	0	6	2	3/90	Fukushima			
	4	9	1	8	8	1	1	4/90	Eichelberger, et al.			
W	4	9	9	3	1	4	3	2/91	Adachi et al.			9/12/89
W	4	7	2	2	1	3	0	2/88	Kimura, et al.			

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A line graph showing a curve starting at the origin and increasing with a decreasing slope, eventually flattening out. The curve is concave down, representing a function that is increasing but with decreasing rates of increase.

EXAMINER	<i>V. Nguyen</i>	DATE CONSIDERED
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VIET Q. NGUYEN
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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office		ATTY. DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		501.30980CC7	Not Assigned <i>10/786,008</i>
(Use several sheets if necessary)		FILING DATE February 26, 2004	GROUP <i>2818</i> 2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WJ	5	2	8	5	1	0	7	02/94	Kazami, et al.			04/18/90
WJ	5	1	8	5	7	1	7	02/93	Mori			07/31/89
	5	0	1	7	9	9	3	5/91	Shibata			02/20/90
	4	8	1	1	2	8	8	3/89	Kleijne, et al.			06/24/86
	4	9	7	9	2	8	9	12/90	Dunaway, et al.			
	4	7	4	6	9	6	6	5/88	Fitzgerald et al.			
	5	1	7	3	8	4	4	12/92	Adachi, et al.			11/19/91
	5	0	5	0	0	3	9	9/91	Edjors			6/26/90
	4	8	0	7	2	8	4	02/89	Kleijne			06/05/87
	4	9	3	3	8	9	8	06/90	Gilberg, et al.			01/12/89
	5	2	4	3	2	0	8	0/93	Isomura, et al.			09/10/90
WJ	5	0	7	2	2	8	3	12/91	Bolger			
WJ	5	3	2	5	2	6	5	06/94	Turlik, et al.			01/07/92

FOREIGN PATENT DOCUMENTS

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EXAMINER

V. Noriega

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ATTY. DOCKET NO.

501.30980CC7

SERIAL NO.

~~Not assigned~~

APPLICANT
N. KANEKAWA, et al

FILING DATE
February 26, 2004

GROUP

~~281B~~

V. Nguyen

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>VO</i>	6	2	2	3	2	7	3	4/01	Kanekawa et al	712	33			
<i>UN</i>	6	1	9	5	7	4	2	2/01	Kanekawa et al	712	33			
<i>2 0 0 1</i>	2	0	0	2	4	3	8	9/01	Funaba et al	365	200			
<i>UP</i>	6	3	7	6	9	1	7	4/02	Takeshita et al	257	778			
<i>UN</i>	2	0	0	3	3	0	1	3	10/01	Lee	257	679		
<i>UN</i>	2	0	0	5	6	9	1	1	5/02	Iwaya et al	257	738		
<i>UN</i>	2	0	0	2	2	7	3	9	9/01	Funaba et al	365	63		
<i>CP</i>	6	3	2	4	1	1	4	11/01	Hineno	365	230.03			
<i>UN</i>	4	7	5	2	9	2	7	6/98	Melling, Jr.	714	3			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *V. Nguyen*

DATE CONSIDERED

10/11/05

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(Form PTO-1449 (6-4))

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	501.30980CC7	<u>Not yet assigned</u>
	APPLICANT N. KANEKAWA, et al	<u>10/786,008</u>
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U.S. PATENT DOCUMENTS

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W	4	8	0	3	6	8	2	2/89	Hara et al	714	23		
W	5	1	4	9	9	4	0	9/92	Davis et al	219	130.21		
W	5	0	6	8	8	5	0	11/91	Moore	370	449		
W	4	9	2	2	3	6	3	5/90	Long et al	361	3		
W 0 0 2	2	0	0	4	0	2	6	1	4/02	Nakamoto et al	701	1	
W 0 0 3	2	0	1	3	1	2	2	8	7/03	Tworney	713	153	
W	5	6	1	4	7	6	1	3/97	Kanekawa, et al				
W	5	7	8	9	8	0	5	8/98	Kanekawa, et al				
CP	6	5	8	4	0	0	4	6/03	Kanekawa, et al				

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

11. *What is the relationship between the two lines?*

EXAMINER	<i>V. Nagyeva</i>	DATE CONSIDERED	10/11/05
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Viet Q. Nguyen
Primary Examiner